

Title (en)

Blade edge loading control for doctoring apparatus

Title (de)

Anpressdrucksteuerung der Schaberklängenlängskante für eine Rakeleinrichtung

Title (fr)

Contrôle de mise en charge de l'arête de la racle pour un dispositif de raclage

Publication

EP 0515747 B1 19971119 (EN)

Application

EP 91305683 A 19910624

Priority

US 70834291 A 19910531

Abstract (en)

[origin: EP0515747A1] Doctoring apparatus employs a doctor blade (20) supported by a holder (12) which is oscillated and shifted longitudinally in relation to a web of material (W) on a cylinder (10). The blade (20) is supplied as a coil from a cartridge (23). A back-up blade (48) bears on the doctor blade (20) with a loading force which can be varied along the doctor blade (20). <IMAGE>

IPC 1-7

D21G 3/00; **B41F 9/10**

IPC 8 full level

B05C 3/18 (2006.01); **B05C 11/04** (2006.01); **B41F 9/08** (2006.01); **B41F 9/10** (2006.01); **B41F 31/20** (2006.01); **D21G 3/00** (2006.01)

CPC (source: EP US)

B41F 9/1036 (2013.01 - EP US); **D21G 3/005** (2013.01 - EP US)

Cited by

IT201600112579A1; CN103911120A; EP1531043A1; CN104553257A; US7114437B2; EP3066259A4; EP3425111A1; WO9604140A1; US9518359B2; WO9814329A3; WO2015069915A1

Designated contracting state (EPC)

AT BE DE ES FR GB IT SE

DOCDB simple family (publication)

EP 0515747 A1 19921202; **EP 0515747 B1 19971119**; AT E160397 T1 19971215; CA 2044873 C 19950704; DE 69128243 D1 19980102; DE 69128243 T2 19980312; ES 2108707 T3 19980101; FI 913030 A0 19910620; FI 913030 A 19921201; FI 97402 B 19960830; FI 97402 C 19961210; JP 2591867 B2 19970319; JP H06154693 A 19940603; US 5230775 A 19930727

DOCDB simple family (application)

EP 91305683 A 19910624; AT 91305683 T 19910624; CA 2044873 A 19910618; DE 69128243 T 19910624; ES 91305683 T 19910624; FI 913030 A 19910620; JP 15900991 A 19910628; US 70834291 A 19910531